






Main specifications of α200



System	
Camera type	Digital SLR camera with built-in flash and interchangeable lenses
Lens compatibility	Sony α lenses, Minolta and Konica Minolta AF lenses
Image Sensor	
Sensor type	APS-C type (23.6x15.8mm), with RGB primary color filters
Effective pixels	Approx. 10.2 megapixels
Total pixels	Approx. 10.8 megapixels
Anti-Dust system	Charge protection coating on low pass filter and image-sensor shift mechanism
ISO sensitivity range	AUTO, 100 to 3200 (in 1-stop increments, Recommended Exposure Index)
A/D conversion	12 bits
Recording	
Recording format	JPEG (DCF2.0, Exif 2.21), RAW (Sony ARW 2.0 format), RAW + JPEG
Image size	<Aspect ratio 3:2> L size: 3872 x 2592 (10M), M size: 2896 x 1936 (5.6M), S size: 1920 x 1280 (2.5M) <Aspect ratio 16:9> L size: 3872 x 2176 (8.4M), M size: 2896 x 1632 (4.7M), S size: 1920 x 1088 (2.1M)
Image quality modes	RAW, RAW + JPEG, Fine, Standard
Media	
	CompactFlash (Type I, Type II), Microdrive *Separately sold "Memory Stick Duo Adapter for CompactFlash Slot AD-MSCF1" is necessary for use with Memory Stick Duo / Memory Stick PRO Duo / Memory Stick PRO-HG Duo
Noise reduction	Long exposure NR: On/Off selectable, available at shutter speeds longer than 1 sec. High ISO NR: On/Off selectable, available at ISO 1600 or higher
Color space	sRGB, Adobe RGB
Other features	Creative Style, D-Range Optimizer (Off, Standard, Advanced)
White Balance	
Modes	Auto, Daylight, Shade, Cloudy, Tungsten, Fluorescent, Flash Color Temperature / Color filter, Custom
Bracketing	3 exposures, H/L level selectable
Focus Control	
Type	TTL phase detection system
Sensor	CCD line sensors
No. of focus point	9 points
Sensitivity range	EV 0 - 18 (at ISO 100)
Modes	AF/MF selectable. AF modes: Single-shot AF, Automatic AF, Continuous AF
Focus area	Wide, Spot, Local (9 local areas selectable)
Other features	Predictive control, Focus lock, Eye-start AF, AF illuminator (Built-in flash, Range: approx. 1-5m)
Exposure Control	
	Type: TTL metering Sensor: 40-segment honeycomb-pattern SPC Sensitivity range: EV 1 - 20 (EV 3 - 20 in spot metering mode), (at ISO 100 with F1.4 lens) Modes: Multi segment, Center weighted, Spot
Exposure	Modes: Program AE (AUTO, AUTO - Flash Off, P), Aperture priority, Shutter priority, Manual, Scene selection (Portrait, Landscape, Macro, Sports, Sunset, Night portrait / view) Exposure compensation: +/-2.0 EV in 1/3-stop increments Bracketing: 3 continuous or single exposures selectable, in 0.3 or 0.7-stop increments
Viewfinder	
Type	Fixed eye-level, penta-Dach-mirror
Coverage	95%
Magnification	0.83 x (with 50mm lens at infinity, -1m ⁻¹)
Diopter adjustment	-2.5 to +1.0 m ⁻¹
Eye point	Approx. 17.6 mm from the eyepiece lens, Approx. 13.5 mm from the eyepiece frame
Screen	Spherical Acute Matte

Number of recordable frames based on compression, image quality and size											
Image size: L						Image size: L					
CompactFlash Card (3.2 = 10 MB / 16.9 = 8.4 MB)						Memory Stick Duo (3.2 = 10 MB / 16.9 = 8.4 MB)					
512 MB	1 GB	2 GB	4 GB	8 GB		512 MB	1 GB	2 GB	4 GB	8 GB	
Standard	166 / 188	325 / 370	653 / 741	1307 / 1484	2606 / 2960	Standard	154 / 175	316 / 359	649 / 737	1283 / 1457	2575 / 2924
Fine	123 / 141	241 / 277	484 / 556	969 / 1115	1933 / 2223	Fine	114 / 131	234 / 269	481 / 553	952 / 1094	1910 / 2196
RAW + JPEG	24 / 26	48 / 51	96 / 104	198 / 210	397 / 421	RAW + JPEG	22 / 24	47 / 50	145 / 154	146 / 206	392 / 416
RAW	31 / 31	61 / 61	124 / 124	250 / 250	500 / 500	RAW	28 / 28	60 / 60	124 / 124	246 / 246	494 / 494
Image size: M						Image size: M					
CompactFlash Card (3.2 = 5.6 MB / 16.9 = 4.7 MB)						Memory Stick Duo (3.2 = 5.6 MB / 16.9 = 4.7 MB)					
512 MB	1 GB	2 GB	4 GB	8 GB		512 MB	1 GB	2 GB	4 GB	8 GB	
Standard	240 / 267	471 / 523	945 / 1049	1891 / 2099	3771 / 4185	Standard	223 / 248	457 / 508	939 / 1042	1857 / 2061	3726 / 4135
Fine	185 / 208	363 / 409	727 / 819	1456 / 1641	2903 / 3271	Fine	172 / 194	352 / 397	723 / 814	1430 / 1611	2869 / 3232
Image size: S						Image size: S					
CompactFlash Card (3.2 = 2.5 MB / 16.9 = 2.1 MB)						Memory Stick Duo (3.2 = 2.5 MB / 16.9 = 2.1 MB)					
512 MB	1 GB	2 GB	4 GB	8 GB		512 MB	1 GB	2 GB	4 GB	8 GB	
Standard	329 / 355	644 / 696	1291 / 1395	2584 / 2791	5150 / 5564	Standard	306 / 330	625 / 675	1283 / 1386	2537 / 2740	5089 / 5498
Fine	268 / 294	526 / 577	1053 / 1155	2109 / 2313	4203 / 4610	Fine	249 / 273	510 / 559	1047 / 1148	2070 / 2270	4153 / 4555

- * Numeric figures show the number of frame recordable with 3.2 / 16.9 aspect ratio.
- * Optional "Memory Stick Duo Adapter for CompactFlash Slot AD-MSCF1" is necessary for use with Memory Stick Duo.
- * Number of recordable frames may vary depending on the subjects and other shooting conditions.

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- * α is a trademark of Sony Corporation.
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- * Microdrive is a registered trademark of Hitachi Global Storage Technologies in the United States and/or other countries.
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- * D-Range Optimizer Advanced uses technology provided by Apical Limited .
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* The InfoLITHIUM  is a lithium battery pack which can exchange data with compatible electronic equipment about its energy consumption.
Sony recommends that you use the battery pack with electronic equipment that have the  mark.

α200
Digital SLR Camera



System requirements of bundled software											
Image Data Converter SR ver.2.0											
Microsoft Windows 2000 Professional SP4 / Windows XP SP2* / Windows Vista*, Mac OS X (v. 10.4 or later)											
Image Date Lightbox SR											
Microsoft Windows 2000 Professional SP4 / Windows XP SP2* / Windows Vista*, Mac OS X (v. 10.4 or later)											
Picture Motion Browser											
Microsoft Windows 2000 Professional SP4 / Windows XP SP2* / Windows Vista*											

* 64-bit editions and Starter (Edition) are not supported.
Note: Factory pre-installed. We do not guarantee proper operation in the upgraded environment of the OS stated above.

Printed in Japan

like.no.other™

Images of beauty for everyone



DT18-70mm F3.5-5.6 (SAL1870), 1/1000 sec., F8, ISO100, Auto white balance

For every beautiful moment, a beautiful photo

At Sony, we want everyone to experience the thrill of capturing beautiful images -- easily. That's why we build Super SteadyShot® image stabilization right into our camera bodies, so you can enjoy protection against blurring caused by camera shake with any α lens. And it's why we developed the new α 200 digital SLR, so from the first day you hold it you can amaze people with the sharpness, clarity, vibrant color, and fine detail of the photos you take. The α 200 -- it's the exciting new addition to the α line that lets you turn beautiful moments into beautiful photos with unprecedented ease.

α 200



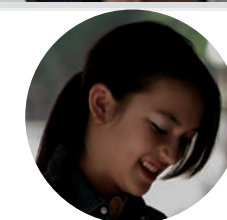
Crisp, confident quality in every frame



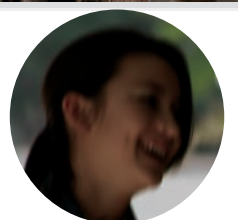
70-200mm F2.8G (SAL70200G), 1/15 sec., F8, ISO100, Auto white balance

Super SteadyShot® Inside for greater handheld shooting freedom

The α 200 is equipped with an advanced Super SteadyShot® image stabilization system to help prevent blurring caused by camera shake. Built right into the camera body, the system works with any α lens, enabling you to capture sharp images at shutter speeds 2.5–3.5 steps slower than would otherwise be possible. And that means you can enjoy the freedom of unencumbered handheld shooting in situations that would normally require the use of flash or a tripod.



Super SteadyShot on



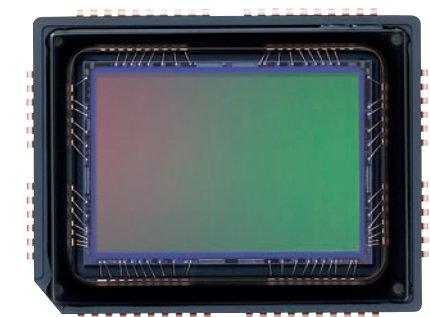
Super SteadyShot off



Super SteadyShot provides image stabilization with any α series lens, because the system is mounted inside the α 200's body.

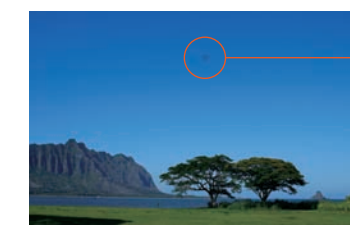
High-resolution 10.2-megapixel CCD for ultra-fine image detail

The α 200 is equipped with an exclusive Sony-developed APS-C type CCD image sensor with 10.2 effective megapixels for data-rich, high-resolution imaging. Improved circuit design minimizes signal noise and speeds data transfer to the BIONZ image processing engine, which has been optimized to meet the α 200's high performance requirements. The result of this seamless teamwork between the image sensor and the BIONZ engine is excellent shooting response, with superior color and clear image quality under a wide range of lighting conditions.

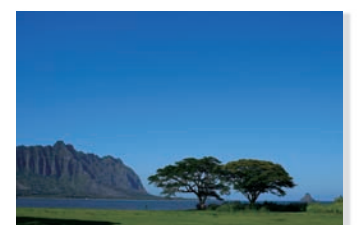


Anti-dust protection for cleaner images

All digital SLR cameras are susceptible to dust contamination when changing lenses -- it's a fact of life. But the α 200 employs built-in systems to keep the sensor clean, and your images beautiful. First, there's an anti-static coating to help prevent dust from adhering to the low-pass filter and other internal components. And to dislodge any particles that do manage to reach the CCD, the sensor is vibrated at ultra-high speed every time the camera is switched off.

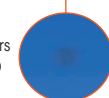


Without anti-dust protection



With anti-dust protection

(dust on sensor appears as blemish in blue sky)



Bright, vivid colors
make images come alive

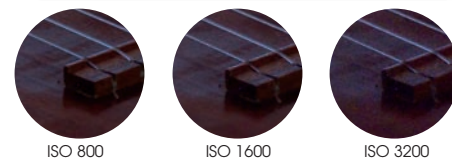
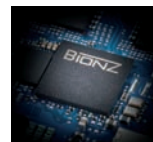


DT11-18mm F4.5-5.6 (SAL1118), 1/320 sec., F8, ISO100, Auto white balance



Powerful BIONZ image processing engine for more vibrant color reproduction

The α 200 is equipped with a BIONZ image processing engine that uses advanced Sony technologies to achieve truly vibrant color reproduction with rich texture and depth. In addition, faithful reproduction of color tone and shadow/highlight detail assures superb print quality and greater post-processing flexibility.



ISO 800

ISO 1600

ISO 3200

ISO 3200 sensitivity setting for low-light shooting

High-sensitivity ISO 3200 and 1600 settings let you take advantage of low-light photo opportunities with confidence. When shooting at these higher settings, the BIONZ engine assures the highest possible image quality by applying high-ISO noise reduction immediately before each image is processed. This, together with powerful Super SteadyShot[®] image stabilization, enables you to use faster shutter speeds in low light, and greatly expands the range of situations in which you can shoot.

D-Range Optimizer off



Standard



D-Range Optimizer Advanced

Improved D-Range Optimizer for superior exposure balance

An evolved new D-Range Optimizer helps ensure even more beautifully balanced exposures in backlit situations. In Standard mode, it optimizes brightness and contrast for the image overall, and in Advanced mode, it optimizes each area of the composition separately to bring out maximum shadow and highlight detail. The D-Range Optimizer can be used on all image formats in all metering modes.

* D-Range Optimizer Advanced uses technology provided by Apical Limited.

Speed and accuracy
make action shots easy



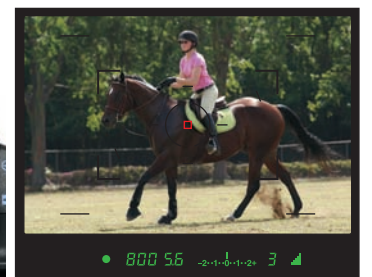
70-200mm F2.8G (SAL70200G), 1/800 sec., F5.6, ISO200, Auto white balance

Center-cross 9-point AF system with exclusive Eye-Start[®] activation

The α 200 features a center-cross 9-point autofocus system with Sony's exclusive Eye-Start[®] activation, which reduces missed shots by automatically focusing the camera for you as soon as you put your eye to the viewfinder. The system offers one of the quickest response times in its class, and high predictive focusing accuracy when shooting moving subjects. In addition, the 9-point sensor layout gives you greater freedom in how subjects are framed.



Eye-Start sensor



AF area and viewfinder displays

3 frame-per-second continuous shooting

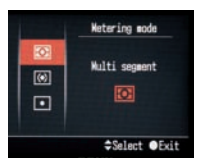
For sports and action photos, the α 200 supports 3 frame-per-second continuous shooting of full-resolution JPEG Fine images, limited only by the amount of available memory.

* Number of recordable frame varies according to the type of memory media used, shooting conditions and other factors.



Versatile 40-segment honeycomb-pattern metering

Accurate exposure requires accurate metering, and the α 200's 40-segment, honeycomb-pattern metering system has the versatility needed to get precise readings under a wide range of shooting conditions. It also gives you a choice of multi-segment metering, center-weighted metering, and spot metering mode to suit your subject and shooting conditions.



The seamless integration of creative freedom and operating ease

New menu list for easy access to essential settings

A quick press of the Function (Fn) button displays the menu list, which gives you instant access to mode settings for the flash, metering, autofocus, AF area, white balance, and D-Range Optimizer. It's a fast and easy way to get to frequently used functions without having to navigate through multi-level menus.



2.7-inch Clear Photo LCD monitor for on-the-spot image review

The large 2.7-inch Clear Photo LCD monitor makes it easy to review photos after they are taken, and lets you zoom in on specific details to confirm focus. Detailed shooting information and histograms can also be displayed for on-the-spot confirmation of exposure balance and highlight/shadow reproduction. In addition, the screen automatically switches to a vertical-format display when you rotate the camera for vertical-format shooting, and switches off automatically when you put your eye to the viewfinder. The large screen is also great just for viewing photos, and offers index views of up to 25 frames to help you find your favorites fast.



Selectable 16:9 aspect ratio for widescreen viewing

The option of recording images in the 16:9 format enables you to view dramatic slideshows on a widescreen HDTV. In addition, if you use PhotoTV HD compatible Sony peripheral devices for image playback, you can enjoy an even higher level of big-screen display quality.

* Availability of peripheral devices varies according to region.



Auto pop-up flash

In Auto and Scene Selection modes, the built-in flash pops up automatically whenever it is needed. Even when you're shooting outdoors in daylight, if the alpha 200 senses that a subject is backlit, the flash will pop up to provide additional illumination. Flash power is rated GN12 (85mm, ISO100-m), with wide enough coverage to allow use with an 18mm fisheye lens.



* Images on the monitor are simulated.

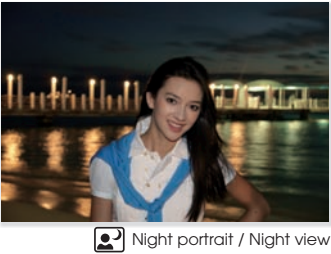
Easy dial access to basic exposure and scene modes

The mode dial on the top of the alpha 200 provides immediate access to Program, Aperture priority, Shutter-speed priority, and Manual exposure modes, as well as a fully-automatic Auto mode, Flash Off mode, and 6 Scene Selection modes. The Scene Selection modes optimize AF, drive mode, shutter speed, aperture, and other settings to ensure beautiful results when shooting portraits, landscapes, sunsets, sports, macro photos, and night scenes.



Scene Selection

Portrait	For beautiful portraits with soft background defocusing
Landscape	For crisp, vivid images of distant scenery and foreground subjects
Macro	For clear, sharp images of flowers, insects, and other small subjects
Sports action	For sharp images of fast-moving subjects in bright light
Sunset	For sunset images with rich red tones
Night portrait / Night view	For nighttime flash portraits with rich background detail; for dramatic night scenes and nighttime cityscapes

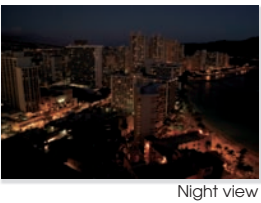


Creative Style settings for greater freedom of expression

Creative Style settings make it easy to adjust image parameters to suit your preference and creative intent. A choice of Standard, Vivid, Portrait, Landscape, Night view, Sunset, Black & White, and Adobe RGB styles is offered, and each can be adjusted for contrast, saturation, and sharpness (no saturation adjustment on Black & White). Whether you want to capture a moody black & white portrait or a colorful sunset at the beach, Creative Style settings offer a quick, easy way to get the precise image you want.

Creative Style settings

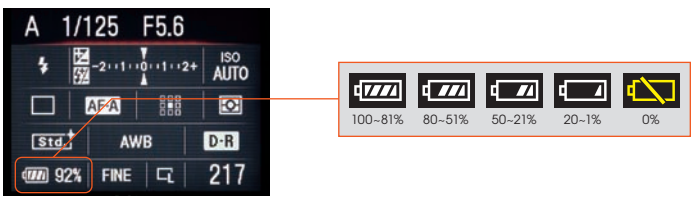
Std.	Standard
Vivid	Vivid
Port.	Portrait
Land.	Landscape
Night	Night view
Sunset	Sunset
B/W	Black & White
Adobe	Adobe RGB



Power and versatility for extended shooting

The alpha 200 is powered by a high-density NP-FM500H InfoLITHIUM™ battery that lets you take approximately 750 shots* before recharging is required, and features a battery level indicator that offers precise 1% accuracy. An optional VG-B30AM vertical grip, capable of holding two NP-FM500H InfoLITHIUM batteries, offers extended power and a full complement of basic camera controls to enhance operating ease during vertical-format shooting.

* CIPA standard test; built-in flash used on 50% of shots.





The expanding world of α creativity



There's virtually no limit to the ways you can express your creativity with the α System. From super wide angle, zoom, and macro, to STF (Smooth Trans Focus) and reflex super telephoto, the α lens lineup has it all. And whichever lens you use, you'll be able to take full advantage of the Super SteadyShot® image stabilization built into the α 200's body.



DT 18-70mm F3.5-5.6 (SAL1870)*

A versatile wide-angle to medium-telephoto zoom lens that incorporates aspherical and ED (Extra-low Dispersion) elements for sharp imaging. (35mm equivalent: 27 - 105mm)



DT 18-250mm F3.5-6.3 (SAL18250)*

A powerful yet compact lens with a 14x zoom range that provides an all-in-one solution for travel and nature photography. (35mm equivalent: 27 - 375mm)



75-300mm F4.5-5.6 (SAL75300)

A light, compact medium-telephoto to telephoto zoom that is ideal for portraits and frame-filling close-ups of distant subjects. Offers a 35mm equivalent focal range of 112.5 - 450mm when mounted on the α 200.



50mm F2.8 Macro (SAL50M28)

A compact macro lens with a minimum shooting distance of 20cm and 1:1 magnification. A circular aperture ensures superb background defocusing. Offers a 35mm equivalent focal length of 75mm when mounted on the α 200.

* DT series lenses are compatible only with digital SLR cameras that are equipped with an APS-C type sensor.



Carl Zeiss® lenses

Jointly developed by Sony and Carl Zeiss® of Germany, these premium lenses offer excellent contrast and the stunning clarity of world-famous Carl Zeiss® T* coatings.



G series lenses

Even among α lenses, G series lenses are notable for their sharp, bright imaging, advanced aspherical and ED (Extra-low Dispersion) optics, and exceptionally high build quality.

External flash units



HVL-F56AM

Top-of-the-line power with high-speed synchro, wireless capability, and a variable-angle head for bounce flash shooting. GN56 (85mm, ISO100-m)



HVL-F36AM

A versatile, compact unit with high-speed synchro, wireless capability, and a pivoting head for bounce flash shooting. GN36 (85mm, ISO100-m)

Software tools



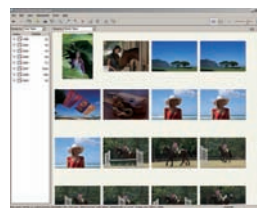
Image Data Converter SR ver2.0

A powerful program for fast RAW data conversion that can also be used to adjust images and apply D-Range Optimizer and Creative Style effects.



Image Data Lightbox SR

A convenient tool for viewing, ranking, sorting, and comparing RAW and JPEG images to facilitate "best shot" selection and library management.



Picture Motion Browser

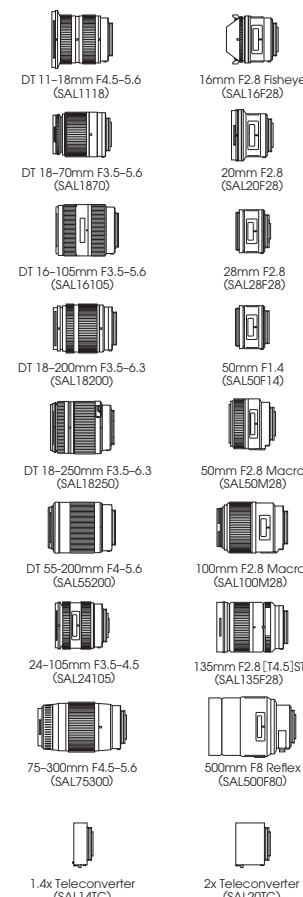
An easy-to-use application for basic photo library management, and image adjustment. Features include a convenient calendar view, easy image file backup, and One-Touch Disc Burn for photo CD/DVD creation.

Controls

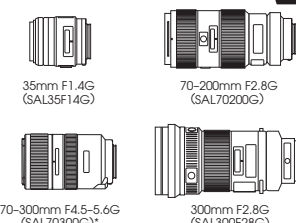


System accessories

α lens lineup

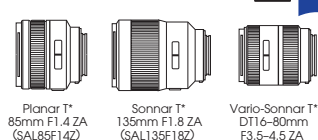


G lenses

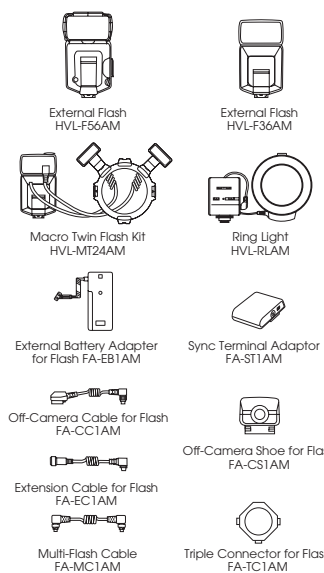


* Available in spring 2008

Carl Zeiss® lenses



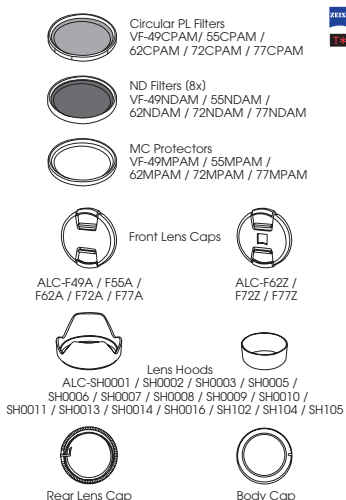
Flash & Flash accessories



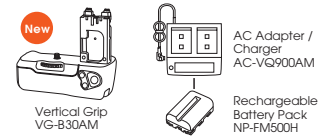
α 200



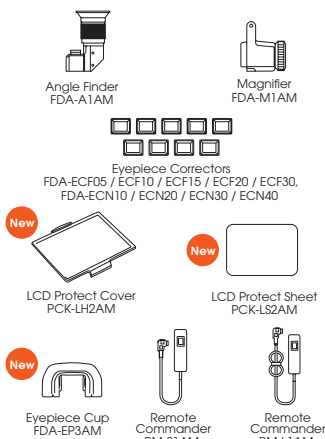
Lens accessories



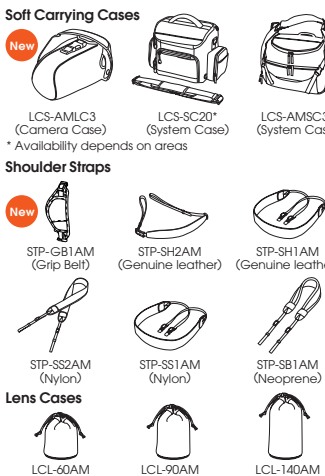
Batteries / Grip & Charger



Shooting accessories



Cases & Straps



Others

